SuccessMaker®
ENTERPRISE

System Requirements

SuccessMaker Enterprise v1.7.2

PEARSON

System requirements are subject to change. For the latest information on system requirements, go to http://support.pearsonschool.com.

For more information about Digital Learning Solutions, go to www.pearsonschool.com/digital.

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1

Overview

Based on current hardware and software technologies, Pearson has determined that the system requirements listed in this document will deliver acceptable operation and performance for the SuccessMaker Enterprise v1.7.2 product.

Your site's actual performance may vary due to different configurations, including the following:

- Server application load
- Available network bandwidth
- Client security configuration
- Number of concurrent users
- Courseware usage
- Other variables

System requirements are subject to change because of rapid advances and changes in technology, as well as future product enhancements. If you have questions regarding the suitability of your specific computing environment, contact your Pearson Sales Representative or Technical Specialist.

2

Stand-alone Deployment

The Stand-alone deployment supports one workstation that acts as the client and server at the same time. See Figure 1 - Sample Stand-alone Deployment.

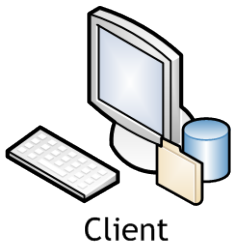


Figure 1 - Sample Stand-alone Deployment

One Concurrent Student

These specifications are intended strictly as a guideline. They were developed in an environment free from network congestion, resource contention, and aggressive security measures.

Consider the minimum requirements applicable only if your workstations use a minimally configured and supported operating system, a minimally configured virus scanner, and only this Pearson application.

Support s one concurrent client Requires one dedicated physical client	
Client running: Content and Database	
Can be:	Windows® XP Home SP3 (x86) Windows XP Professional SP3 (x86) Windows Vista® Home Basic (x86) Windows Vista Home Premium (x86) Windows Vista Business (x86) Windows Vista Ultimate (x86)
With at least:	(XP) Single Pentium® III 800 MHz processor (XP) 512 GB of RAM (Vista) Single Pentium III 1.0 GHz processor (Vista) 1 GB of RAM Dual-layer DVD-ROM Single 5400 RPM IDE hard drive 320 MB of available disk space 7 GB of available disk space (if installing content) Capable of 1024x768 resolution Any Creative Labs or 100% compatible sound card
And installed:	Adobe® Reader® 8.x or 9.x Adobe Flash® Player 9.x QuickTime® 7.1.6 or 7.2.x (x86) Any inkjet or laser printer
Note: Mac® clients are not supported in the stand-alone deployment.	

3

Single Server Deployment

The single server deployment is a model in which all components of the software are installed on one physical server.

Typically, the single server is located in a lab or other school location used by the lab or individual school. See Figure 2 - Sample Single Server. The single server can be available to multiple schools (see Figure 3 - Sample Single Server with Multiple Schools) if all requirements are met including the concurrent student limitation.

Depending on the requirements, a single server can be an effective and low cost solution, one that requires less power and provides simple installation and maintenance.

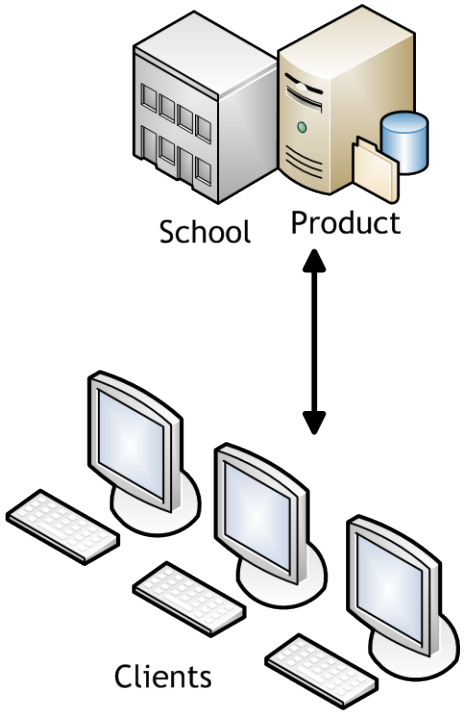


Figure 2 - Sample Single Server

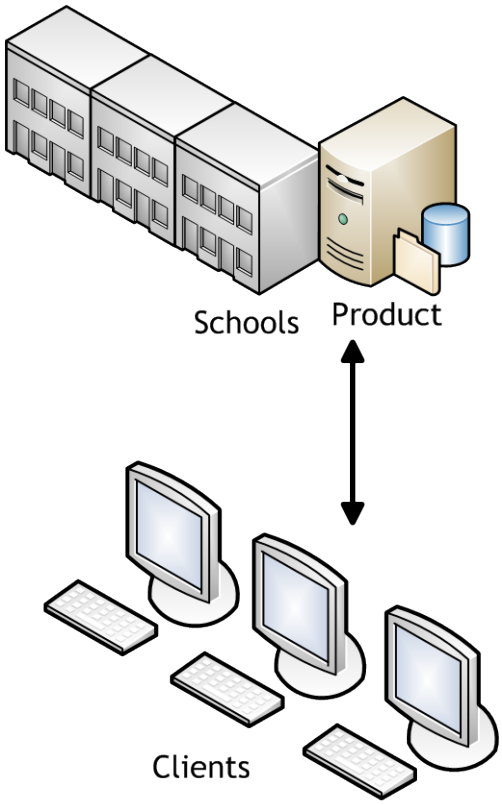


Figure 3 - Sample Single Server with Multiple Schools

Up to 50 Concurrent Students

These specifications are intended strictly as a guideline. They were developed in an environment free from network congestion, resource contention, and aggressive security measures.

Consider the minimum requirements applicable only if your workstations use a minimally configured and supported operating system, a minimally configured virus scanner, and only this Pearson application.

Supports up to 50 concurrent clients Requires one dedicated physical server	
Server running: Content and Database	
Can be:	Windows Server® 2003 SP2 (x86) Windows Server 2008 (x86) * Novell® NetWare® 6.5 SP8 (x86)
With at least:	Single Pentium III 1.0 GHz processor 1 GB of RAM Single 100 Mbit/s Network Interface Card Dual-layer DVD-ROM Single 10000 RPM SATA hard drive 20 GB of available disk space
* Note: Service Pack 8 is required for Mac clients to function properly.	

Up to 240 Concurrent Students

These specifications are intended strictly as a guideline. They were developed in an environment free from network congestion, resource contention, and aggressive security measures.

Consider the minimum requirements applicable only if your workstations use a minimally configured and supported operating system, a minimally configured virus scanner, and only this Pearson application.

Supports up to 240 concurrent clients Requires one dedicated physical server	
Server running: Content and Database	
Can be:	Windows Server 2003 SP2 (x86) Windows Server 2008 (x86) * Novell NetWare 6.5 SP8 (x86)
With at least:	Single Pentium III 1.0 GHz processor 1 GB of RAM Single 100 Mbit/s Network Interface Card Dual-layer DVD-ROM Single 10000 RPM SCSI or SAS hard drive 20 GB of available disk space
* Note: Service Pack 8 is required for Mac clients to function properly.	

Up to 300 Concurrent Students

These specifications are intended strictly as a guideline. They were developed in an environment free from network congestion, resource contention, and aggressive security measures.

Consider the minimum requirements applicable only if your workstations use a minimally configured and supported operating system, a minimally configured virus scanner, and only this Pearson application.

Supports up to 300 concurrent clients Requires one dedicated physical server	
Server running: Content and Database	
Can be:	Windows Server 2003 SP2 (x86) Windows Server 2008 (x86) * Novell NetWare 6.5 SP8 (x86)
With at least:	Single Pentium III 1.0 GHz processor 1 GB of RAM Single 1000 Mbit/s Network Interface Card Dual-layer DVD-ROM Single 10000 RPM SCSI or SAS hard drive 20 GB of available disk space
* Note: Service Pack 8 is required for Mac clients to function properly.	

4

District Deployment

The district deployment is a model in which the components of the software are installed on separate physical servers at each school.

Typically, the servers replicate data to a district server which can be used for aggregate reporting. See Figure 4 - Sample District Deployment.

Multi-server installations vary by customer. A Pearson Sales Engineer should be involved early to discuss the best configuration to implement the product.

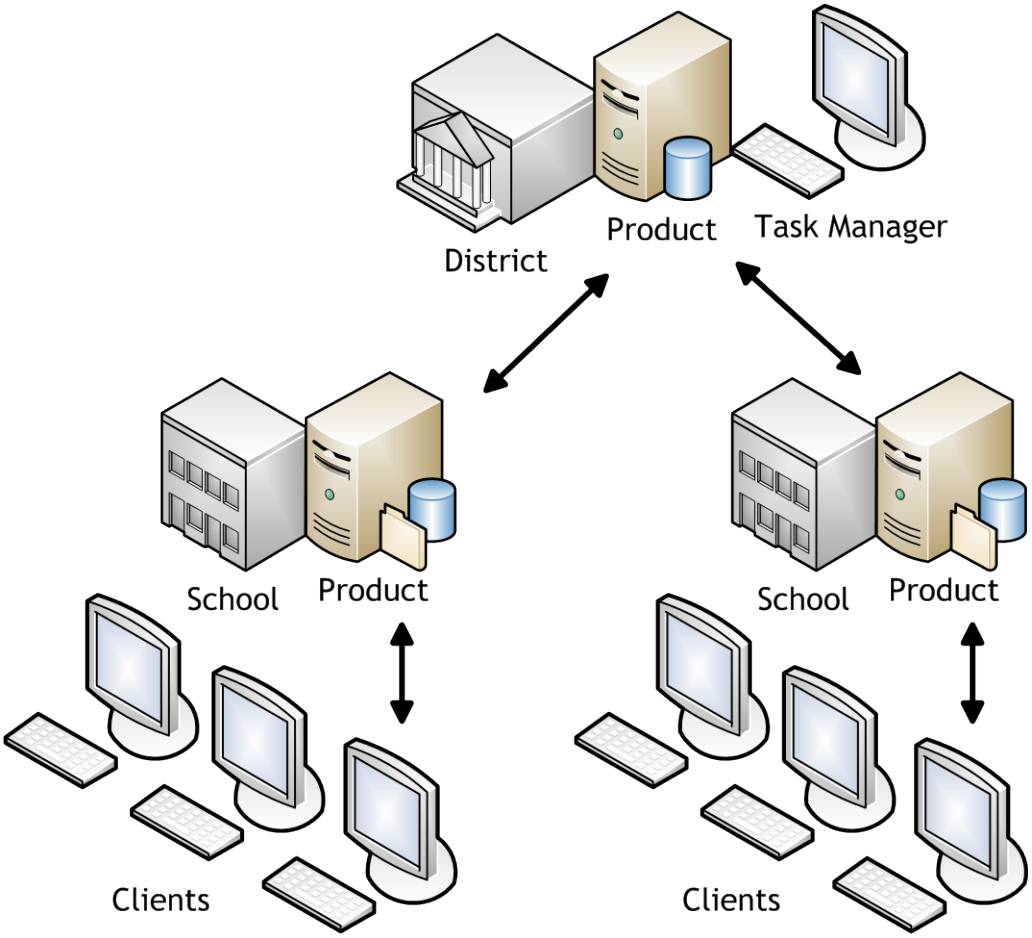


Figure 4 - Sample District Deployment

Up to 300 Concurrent Students per school server

These specifications are intended strictly as a guideline. They were developed in an environment free from network congestion, resource contention, and aggressive security measures.

Consider the minimum requirements applicable only if your workstations use a minimally configured and supported operating system, a minimally configured virus scanner, and only this Pearson application.

Supports up to 300 concurrent clients per school server Requires two or more dedicated physical servers Requires one dedicated Task Manager	
District Server running: Database	
Can be:	Windows Server 2003 SP2 (x86) Windows Server 2008 (x86)
With at least:	Two Pentium 4 2.0 GHz processors 2 GB of RAM Single 100 Mbit/s Network Interface Card Dual-layer DVD-ROM Two 10000 RPM SCSI or SAS hard drives in Raid 0 40 GB of available disk space
School Server running: Content and Database	
Can be:	Windows Server 2003 SP2 (x86) Windows Server 2008 (x86) * Novell NetWare 6.5 SP8 (x86)
With at least:	Single Pentium III 1.0 GHz processor 1 GB of RAM Single 1000 Mbit/s Network Interface Card Dual-layer DVD-ROM Single 10000 RPM SCSI or SAS hard drive 20 GB of available disk space
* Note: Service Pack 8 is required for Mac clients to function properly.	

Supports up to 300 concurrent clients per school server Requires two or more dedicated physical servers Requires one dedicated Task Manager	
Task Manager running: Scheduled Tasks	
Can be:	Windows XP Professional (x86) Windows Vista Business (x86) Windows Vista Ultimate (x86)
With at least:	Single Pentium 4 2.4 GHz processor 1 GB of RAM Single 100 Mbit/s Network Interface Card Single 7200 RPM SATA hard drive 20 GB of available disk space
Notes:	Supports a maximum of 100 school servers Schools running NetWare servers require Novell client to be installed on the task manager for proper functionality.

5

Web Server Deployment

The web server deployment is a model in which all web components of the software are installed on one physical server. See Figure 5 - Web Server Deployment. Typically, the web server is located in a DMZ or at the district office and provides students access to the product from home.

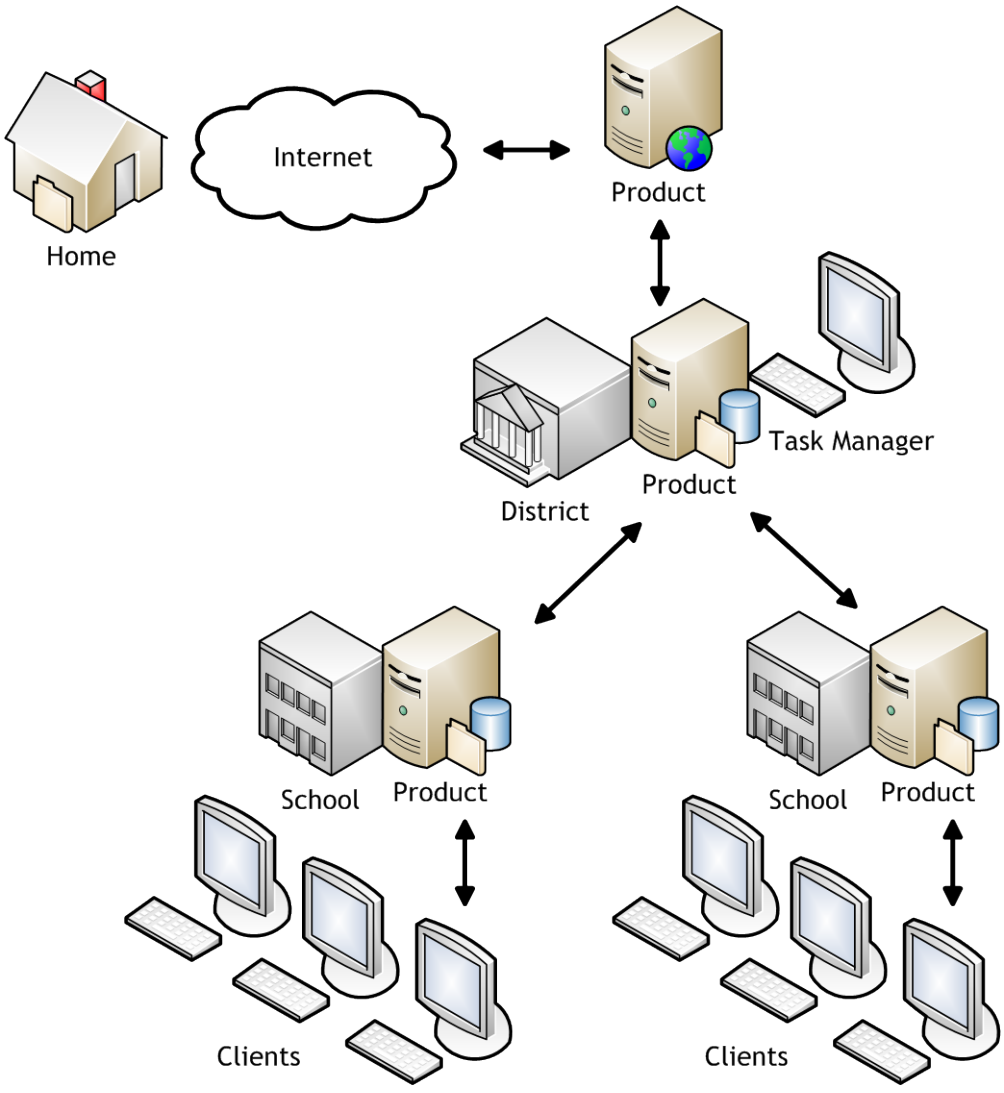


Figure 5 - Web Server Deployment

Up to 50 Concurrent Students

These specifications are intended strictly as a guideline. They were developed in an environment free from network congestion, resource contention, and aggressive security measures.

Consider the minimum requirements applicable only if your workstations use a minimally configured and supported operating system, a minimally configured virus scanner, and only this Pearson application.

Supports up to 50 concurrent clients Requires one dedicated physical server	
Server running: Web	
Can be:	Windows Server 2003 SP2 (x86) Windows Server 2008 (x86)
With at least:	Two Pentium 4 2.0 GHz processors 1 GB of RAM Single 1000 Mbit/s Network Interface Card Dual-layer DVD-ROM Single 10000 RPM SATA hard drive 20 GB of available disk space

Up to 300 Concurrent Students

These specifications are intended strictly as a guideline. They were developed in an environment free from network congestion, resource contention, and aggressive security measures.

Consider the minimum requirements applicable only if your workstations use a minimally configured and supported operating system, a minimally configured virus scanner, and only this Pearson application.

Supports up to 300 concurrent clients Requires one dedicated physical server	
Server running: Web	
Can be:	Windows Server 2003 SP2 (x86) Windows Server 2008 (x86)
With at least:	Two Pentium 4 2.0 GHz processors 1 GB of RAM Single 1000 Mbit/s Network Interface Card Dual-layer DVD-ROM Single 10000 RPM SCSI or SAS hard drive 20 GB of available disk space

6

Clients

End users interact with a client to access a product.

Mac Clients

These specifications are intended strictly as a guideline. They were developed in an environment free from network congestion, resource contention, and aggressive security measures.

Consider the minimum requirements applicable only if your workstations use a minimally configured and supported operating system, a minimally configured virus scanner, and only this Pearson application.

Mac Clients	
Can be:	Mac OS® X 10.4.x (x86) Mac OS X 10.5.x (x86)
With at least:	Either a Single PowerPC G4 800 MHz processor Or a Single Intel® 1.6 GHz processor 512 MB of RAM Single 100 Mbit/s Network Interface Card * Dual-layer DVD-ROM Single 5400 RPM IDE hard drive 320 MB of available disk space * 7 GB of available disk space (if installing content) Capable of 1024x768 resolution
And installed:	* Safari® 2.x, 3.x or 4.x (x86) * Java Runtime Environment 1.5.x or 1.6.x (x86) Adobe Reader 8.x or 9.x Adobe Flash Player 9.x QuickTime 7.1.6 or 7.2.x(x86) Any inkjet or laser printer
* Note: Requirement only for Home Access clients	

Windows Clients

These specifications are intended strictly as a guideline. They were developed in an environment free from network congestion, resource contention, and aggressive security measures.

Consider the minimum requirements applicable only if your workstations use a minimally configured and supported operating system, a minimally configured virus scanner, and only this Pearson application.

Windows Clients	
Can be:	* Windows XP Home (x86) Windows XP Professional (x86) * Windows Vista Home Basic (x86) * Windows Vista Home Premium (x86) Windows Vista Business (x86) Windows Vista Ultimate (x86)
With at least:	(XP) Single Pentium III 800 MHz processor (XP) 512 GB of RAM (Vista) Single Pentium III 1.0 GHz processor (Vista) 1 GB of RAM Single 100 Mbit/s Network Interface Card ** Dual-layer DVD-ROM Single 5400 RPM IDE hard drive 320 MB of available disk space ** 7 GB of available disk space (if installing content) Capable of 1024x768 resolution Any Creative Labs or 100% compatible sound card
And installed:	** Internet Explorer® 7.x or 8.x (x86) ** Java Runtime Environment™ 1.5.x or 1.6.x (x86) Adobe Reader 8.x or 9.x Adobe Flash Player 9.x QuickTime 7.1.6 or 7.2.x (x86) Any inkjet or laser printer
*	Not supported in LAN environment
**	Requirement only for Home Access clients

7

Network Bandwidth

These specifications are intended strictly as a guideline. They were developed in an environment free from network congestion, resource contention, and aggressive security measures.

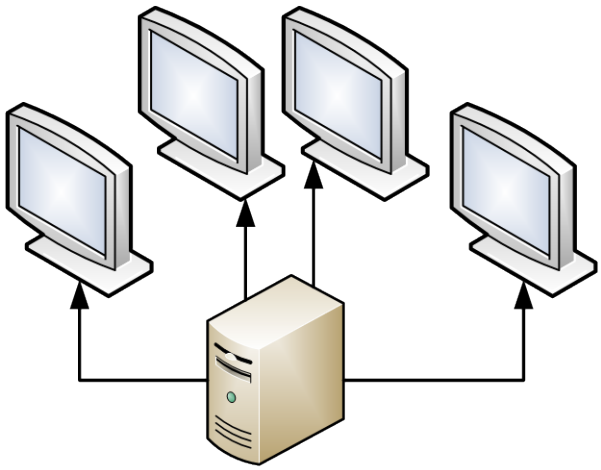
Consider the minimum requirements applicable only if your workstations use a minimally configured and supported operating system, a minimally configured virus scanner, and only this Pearson application.

Network Bandwidth Requirements	
District	
Task Manager:	To District Server full duplex 100 Mbit/s Must be on same network as district server
Web Server:	To District Server 100 Mbit/s
School Servers:	To District Server 1.5 Mbit/s To Task Manager 1.5 Mbit/s
School	
Clients:	To School Server 100 Mbit/s
Home Access	
Internet:	To Web Server 56Kbit/s

8

NComputing Host

NComputing® provides a software- and hardware-based solution that allows multiple students to have a monitor, keyboard, and mouse that all access a shared host (CPU, RAM, Network, and Hard Drive).



NComputing Host

X-Series

These specifications are intended strictly as a guideline. They were developed in an environment free from network congestion, resource contention, and aggressive security measures.

Consider the minimum requirements applicable only if your workstations use a minimally configured and supported operating system, a minimally configured virus scanner, and only this Pearson application.

Supports up to 5 concurrent clients + host Requires 1 dedicated physical host	
Can be:	Windows Server 2003 R2 SP2 (x86)
With at least:	Single Intel Core 2 Duo 2.93 GHz processor 4 GB of RAM Single 1000 Mbit/s Network Interface Card Single 7200 RPM SATA hard drive USB headset for each Terminal Adapter Analog headset for host
And installed:	Windows Server CAL per NComputing Terminal Adapter Windows RDP CAL per NComputing Terminal Adapter NComputing IP Utility (NIU) Pearson Port Utility